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**Title:** JP11203650A2: HEAD SUPPORTING MECHANISM

**Derwent Title:** Support mechanism for e.g. magnetic head, optical head - has flexor that is coupled into groove formed on sides of slider which has flotation surface arranged opposite to data recording surface of disc [\[Derwent Record\]](#)

**Country:** JP Japan

**Kind:** A

**Inventor:** UENO YOSHIHIRO;  
TANIGUCHI KOJI;  
MATSUOKA KAORU;

**Assignee:** MATSUSHITA ELECTRIC IND CO LTD  
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**Published / Filed:** 1999-07-30 / 1998-01-13

**Application Number:** JP1998000004703

**IPC Code:** [G11B 5/60](#); [G11B 21/21](#);

**Priority Number:** 1998-01-13 [JP1998019984703](#)

**Abstract:** PROBLEM TO BE SOLVED: To make a magnetic disk device installed with plural disks thin in thickness by reducing the interval in the direction of the height with respect to a slider.

SOLUTION: This mechanism is provided with the slider 3 and flexures 5 being suspension members, and the slider 3 is provided with a head on the floating surface 9 of the disk and grooves 12 to be coupled with the flexures 5 on its side surface, then the flexures 5 are coupled with the grooves 12. Thus, the interval Zh(Z-height) with respect to the slider is reduced, thereby making the magnetic disk device thin in thickness.

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**Family:** None

**Other Abstract Info:** DERABS G1999-484030 DERABS G1999-484030



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